

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: <del>10</del> December 2004 ( <del>20</del> 12.2004)
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (if known) Not Yet Assigned <b>10/518470</b>
INTERNATIONAL APPLICATION NO.: PCT/CA2003/000884	INTERNATIONAL FILING DATE: 20 June 2003 (20.06.2003)	PRIORITY DATE CLAIMED: 20 June 2002 (20.06.2002) US
TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITORS OF MBD2/DNA DEMETHYLASE AND USES THEREOF		
APPLICANT(S) FOR DO/EO/US: SZYF, Moshe; CAMPBELL, Paul		
<p>Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This express request to begin national examination procedures (35 USC 371(f)). The submission must include items(5), (6), (9) and (21) indicated below.</li> <li><input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date(Article31)</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):             <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li><input type="checkbox"/> has been communicated by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li><input type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2).</li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</li> <li><input type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li><input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</b></p> <ol style="list-style-type: none"> <li><input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li><input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825</li> <li><input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)</li> <li><input checked="" type="checkbox"/> Other items or information: TRANSMITTAL FORM; FEE CALCULATION; INTERNATIONAL PUBLICATION WO 2004/001027 A1 WITH INTERNATIONAL PUBLICATION DATE 31 DECEMBER 2003 (31.12.2003) WHICH CONSISTS OF 83 PAGES INCLUDING: 1 COVER SHEET CONTAINING THE ABSTRACT, 51 PAGES TEXTUAL SPECIFICATION, 3 PAGES OF 21 CLAIMS; 17 SHEETS DRAWINGS; 11 SHEETS SEQUENCE LISTING; PCT/ISA/210 INTERNATIONAL SEARCH REPORT; <u>PRELIMINARY AMENDMENT TO BE EXAMINED</u>; UNEXECUTED INVENTOR'S DECLARATION; PCT/IB/308 NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION TO THE DESIGNATED OFFICES; PCT REQUEST..</li> </ol>		

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U.S. APPLICATION NO. (if known) not yet assigned <b>10/518470</b>	INTERNATIONAL APPLICATION NO. <b>PCT/CA2003/000884</b>	DATE <b>20</b> December 2004 ( <del>20</del> .12.2004)
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a. ☒ One check in the amount of \$830.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 14-0112 in the amount of \$\_\_\_\_\_ to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0112.

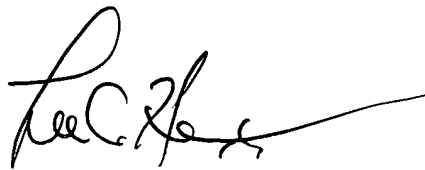
d. Fees are to be charged to a credit card ☐ WARNING: Information on this form may become public ☐ Credit Card Information should not be included on this form. ☐ Provide credit card information and authorization on PTO-2038

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10/5/04  
DT01 Rec'd PCT/PTO 20 DEC 2004

In re Application of:

SZYF et al.,

International Application No. PCT/CA2003/00884

Serial No. NOT YET ASSIGNED

International Filing Date: 20 June 2003 (20.06.2003)

Filed: December 20, 2004

For: **OLIGONUCLEOTIDE INHIBITORS OF MBD2/DNA DEMETHYLASE AND USES THEREOF**

TRANSMITTAL LETTER

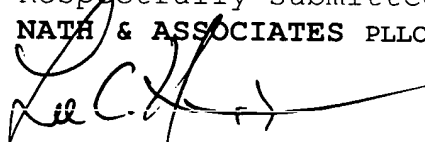
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- (1) Transmittal Letter
- (2) Transmittal Letter To U.S. Designated/Elected Office (DO/EO/US) Concerning Filing under 35 U.S.C. 371
- (3) International Publication No: WO 2004/001027 A1  
International Publication Date: 31 December 2003 (31.12.2003)  
which consists of 83 pages including:
  - 1 cover sheet containing the Abstract,
  - 51 pages Textual Specification,
  - 3 pages of 21 claims,
  - 17 sheets of Drawings,
  - 11 sheets Sequence Listing;
- (4) PCT/ISA/210 International Search Report;
- (5) **Preliminary Amendment with Attachment A to be examined;**
- (6) Unexecuted Inventor's Declaration;
- (7) PCT/IB/308 Notice Informing the Applicant of the Communication of the International Application to the Designated Offices;
- (8) PCT Request;
- (9) Check No. 22265 \$ 830.00 for Government Filing Fee, Search fee, Examination fee, multiple dependent claim fee and additional claims as a small entity;
- (10) Postcard for early notification of serial number.

Respectfully submitted,  
**NATH & ASSOCIATES PLLC**



By:

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Date: December 20, 2004  
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